

Vinicius Freire Guimarães

Senior Full Stack Software Engineer

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SUMMARY

Highly accomplished Senior Software Engineer with 7 years of experience across the full software development lifecycle, specializing in building scalable, robust, and user-centric applications. Proficient in a wide array of modern technologies including TypeScript, React, Vue, Node.js, NestJS, AWS, GCP, Kubernetes, and mobile development (Capacitor, React Native). Proven ability to lead technical initiatives, mentor junior engineers, and drive significant product growth, including scaling e-commerce platforms to over \$1 billion in transactions. Committed to continuous learning and delivering high-quality, impactful software solutions.

SKILLS

Languages: TypeScript, JavaScript, SQL, Swift, Java, HCL (Terraform), Bash, Python

Frontend Development: React, Vue, Nuxt 3, Vite, Tailwind CSS, TanStack Query/Table, Pinia, shadcn, Vuetify, Storybook, PWA/Workbox, Design System Authoring

Mobile Development: Capacitor (iOS/Android), React Native, Native Swift/Java Plugins, FCM, Whitelabel Builds

Backend & APIs: Node.js, NestJS, Fastify, Express, Prisma, Mongoose, Zod, REST/OpenAPI, Webhooks, Event-Driven Architecture (Outbox, Idempotency, State Machines), GraphQL

Cloud & DevOps: AWS (ECS, Cognito, RDS, S3/CloudFront, WAF, Lambda), GCP/Firebase, Terraform, Docker, Kubernetes, Flux GitOps, Vercel, Linux

Data & Messaging: PostgreSQL, MongoDB, Redis, BullMQ, Kafka, Pub/Sub, Supabase, DuckDB, MySQL

CI/CD & Quality: GitLab CI, GitHub Actions, SonarQube, Trivy, Turborepo, pnpm, Changesets, Vitest/Jest/Mocha, Cypress, Playwright

Observability & Security: Sentry, Prometheus, Grafana, Elastic APM, OpenTelemetry, PostHog, OIDC/OAuth2, JWT, Cognito, RLS, 2FA, RBAC/Scopes

AI/ML: Vercel AI SDK, Langchain, LLM Agent Tooling

PROFESSIONAL EXPERIENCE

Sr Software Engineer | Layers Education

March 2022 - Present

Remote

- Led technical mentorship and guidance for junior engineers, fostering team growth and skill development.
- Drove significant system enhancements and infrastructure improvements, contributing to product scalability and reliability.
- Scaled e-commerce platform to process over \$1 billion in transactions over its lifecycle, leveraging Kubernetes, Kafka, and Redis.
- Ensured high code quality and architectural integrity through comprehensive pull request reviews and constructive feedback.
- Developed new features and enhanced user interfaces using TypeScript, Node.js, MongoDB, and Vue.js.

Sr Frontend Developer | io.insure

May 2021 - March 2022

Remote

- Developed and delivered robust web platform features using React, TypeScript, HTML, and CSS.
- Ensured product stability and quality through rigorous code reviews, debugging, and issue resolution.
- Implemented comprehensive unit tests with Jest and automation strategies to enhance software reliability.
- Mentored junior developers and conducted training sessions to elevate team capabilities and best practices.
- Collaborated with stakeholders to align creative proposals and design best practices with development processes.

Technical Lead | Simbiose Ventures

April 2019 - November 2022

Remote

- Provided technical leadership, defining clear project specifications and guiding development based on customer requirements.
- Mentored and trained junior team members, enhancing overall team proficiency in Vue, Nuxt, and React.
- Contributed to strategic planning and design discussions, ensuring alignment with project goals and deadlines.

Full Stack Developer | SlicingDice

April 2019 - March 2020

Remote

- Modernized legacy codebases to adhere to modern development standards, significantly improving system functionality.
- Collaborated with developers to identify and resolve software bugs effectively across the stack.

- Designed and implemented intuitive graphical user interfaces to enhance overall user experience.

EDUCATION

Bachelor's degree, Computer Software Engineering	February 2019 - December 2022
Universidade Federal do Rio Grande do Norte	
Systems Analysis and Development	August 2025 - December 2027
PUC Minas	
Language Exchange Program	January 2017 - June 2017
ELS Language Centers	

LANGUAGES

English | Portuguese